

AMENDMENTS TO THE SPECIFICATION:

Please replace paragraph [0010] with the following amended paragraph:

[0010] An orthogonal quadrature despreader (hereinafter abbreviated 'despreader') 19, as shown in FIG. 3, despreads reception signals by applying PN codes of I and Q components to the reception signals rx_i and rx_q of the I and Q components, respectively. First and second Hadamard transformers 15a and 15b find Walsh correlation values for 64 Walsh codes, e.g., Hadamard codes, for I and Q components from the signals despread by the despreader 19, respectively. An energy detector 16 accumulates the Walsh correlation values of the I and Q components for the 64 Walsh codes, respectively, and ~~[[ads]]~~adds the I and Q components of the accumulated Walsh correlation values to output 64 Walsh energy values.

Please replace paragraph [0015] with the following amended paragraph:

[0015] The modulation according to the coherent combining method needs a pilot signal. Yet, there exists no pilot signal on a reverse link of IS-95A. Hence, the present invention basically generates a phase reference signal or a decision directed pilot signal instead of the pilot signal to perform coherent combining using the phase reference signal or the decision directed pilot signal. Hereby, the phase reference signal can be called ~~[[as]]~~a virtual pilot signal.